

The screenshot shows a C program editor window titled "<1> c:\Temp\cvi\temp2.c". The menu bar includes File, Edit, View, Build, Run, Instrument, Library, Tools, Window, Options, and Help. The code is as follows:

```
#include <ansi_c.h>

int main(int argc, char* argv[])
{
    char    *str = "Hello World";
    double  num1 = 123.456;
    int     num2 = 911;
    printf("Prior art of data tooltips...");
    getchar();
    return 0;
}
```

A tooltip for the variable `num2` is displayed, showing its value `911`. The status bar at the bottom indicates the file is 9/14 lines long, at line 5, in Insert mode, and the program is suspended.

Fig. 1A (Prior Art)

The screenshot shows the same C program editor window. The code is identical to Fig. 1A, but the tooltip now points to the variable `num1`, displaying its value in scientific notation: `1.2345600000000000E+2`.

```
#include <ansi_c.h>

int main(int argc, char* argv[])
{
    char    *str = "Hello World";
    double  num1 = 123.456;
    int     num2 = 911;
    printf("Prior art of data tooltips...");
    getchar();
    return 0;
}
```

The status bar remains the same, indicating the file is 9/14 lines long, at line 5, in Insert mode, and the program is suspended.

Fig. 1B (Prior Art)

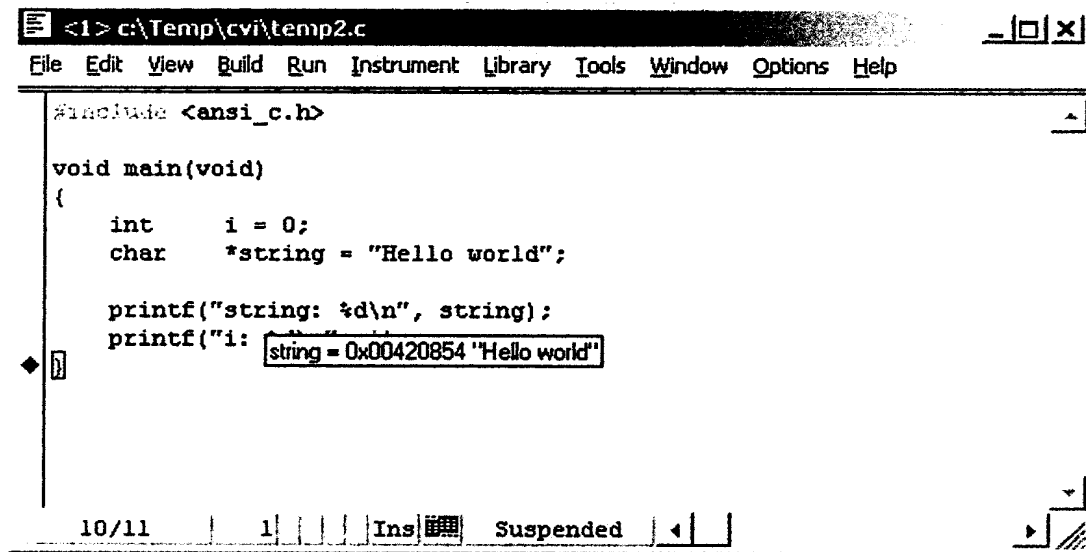


Fig. 1C (Prior Art)

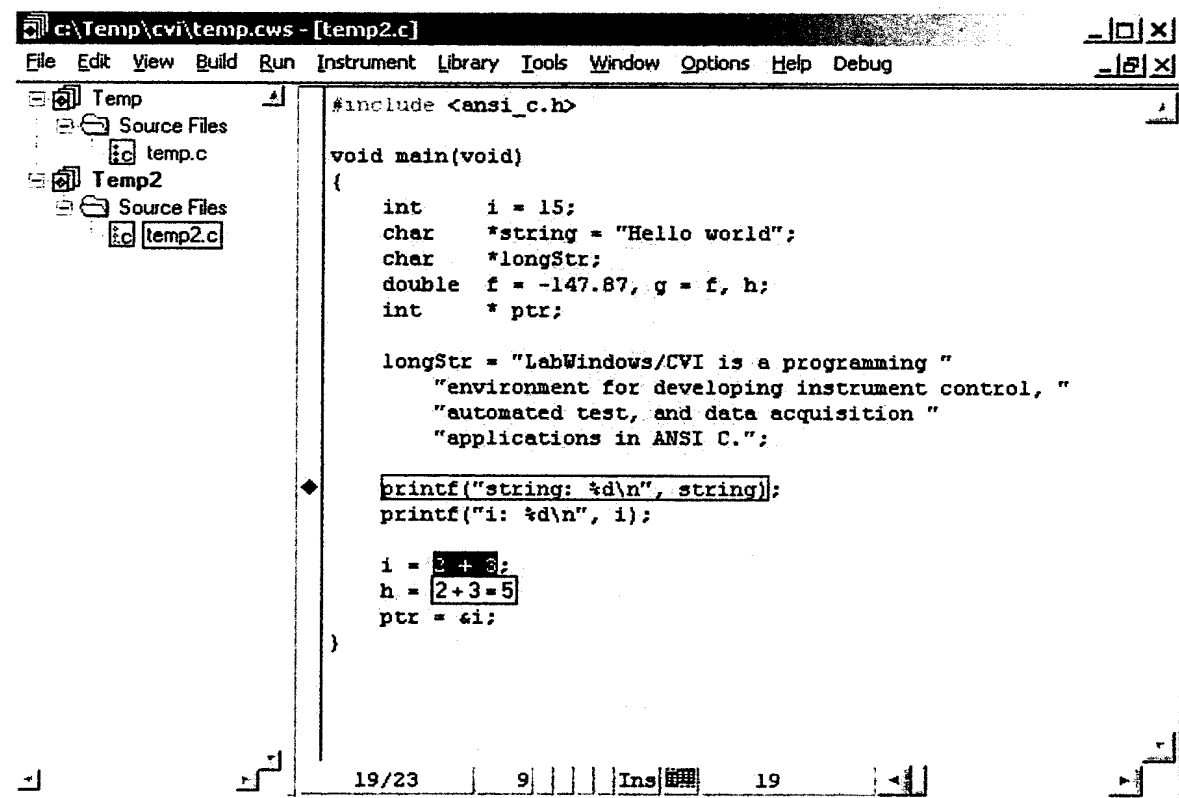


Fig. 1D (Prior Art)

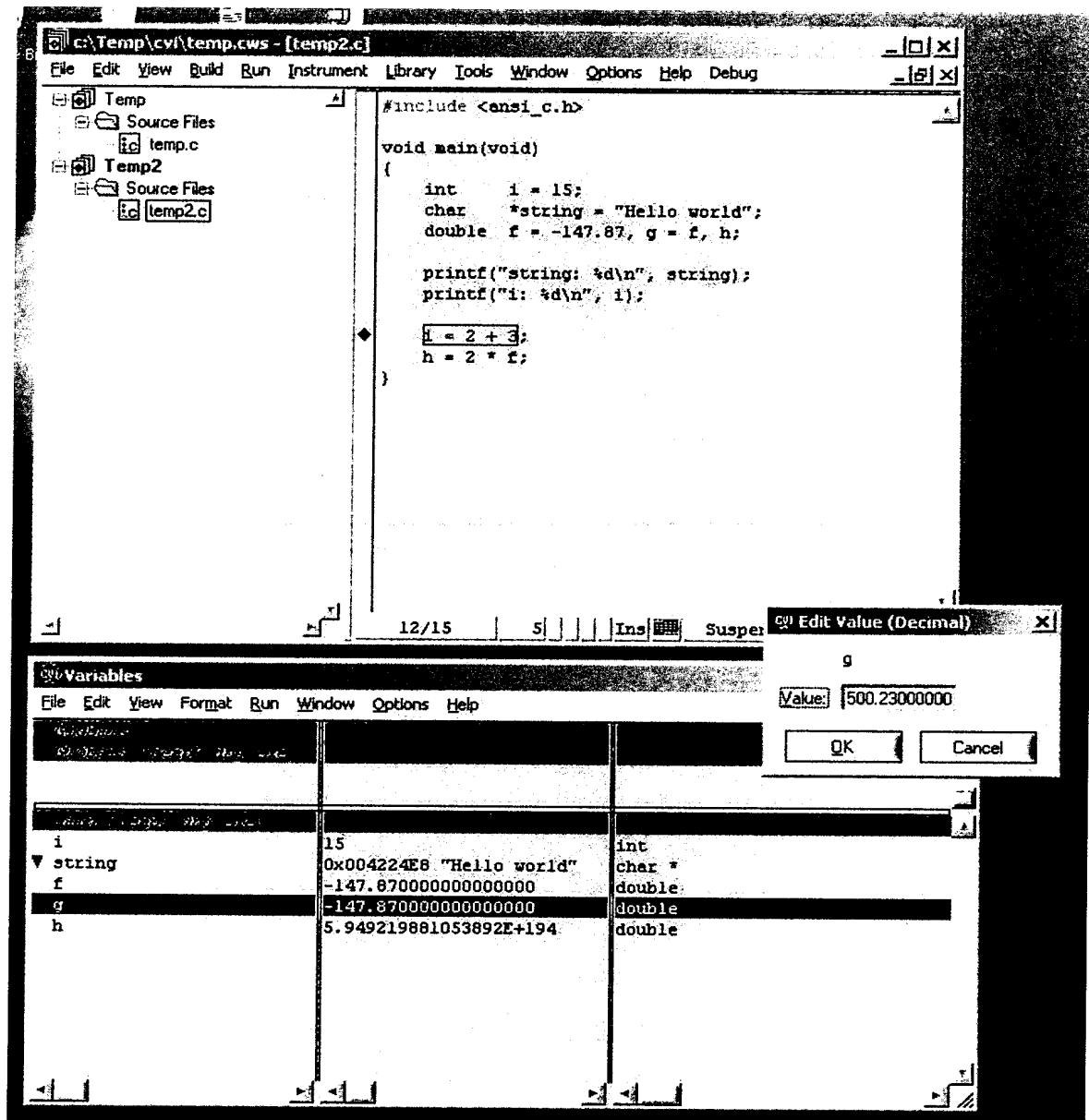


Fig. 1E (Prior Art)

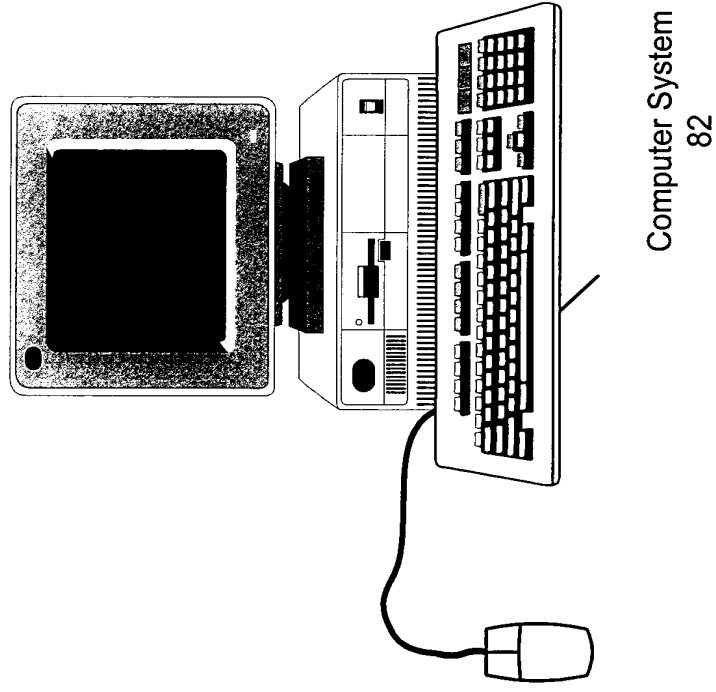


Figure 2A

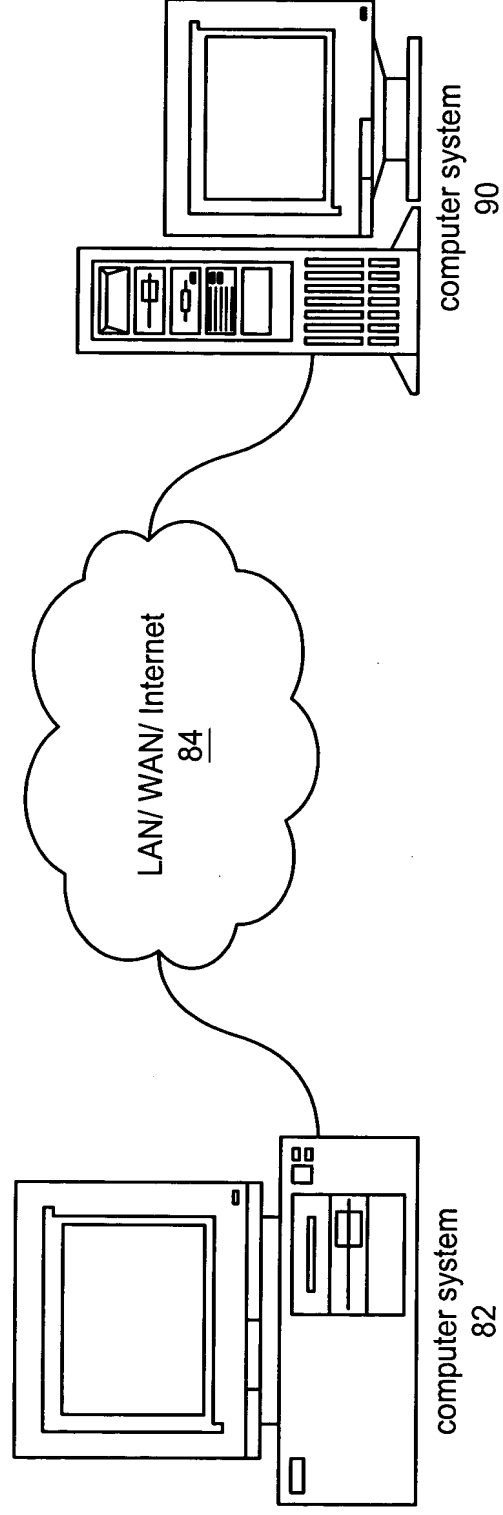


Figure 2B

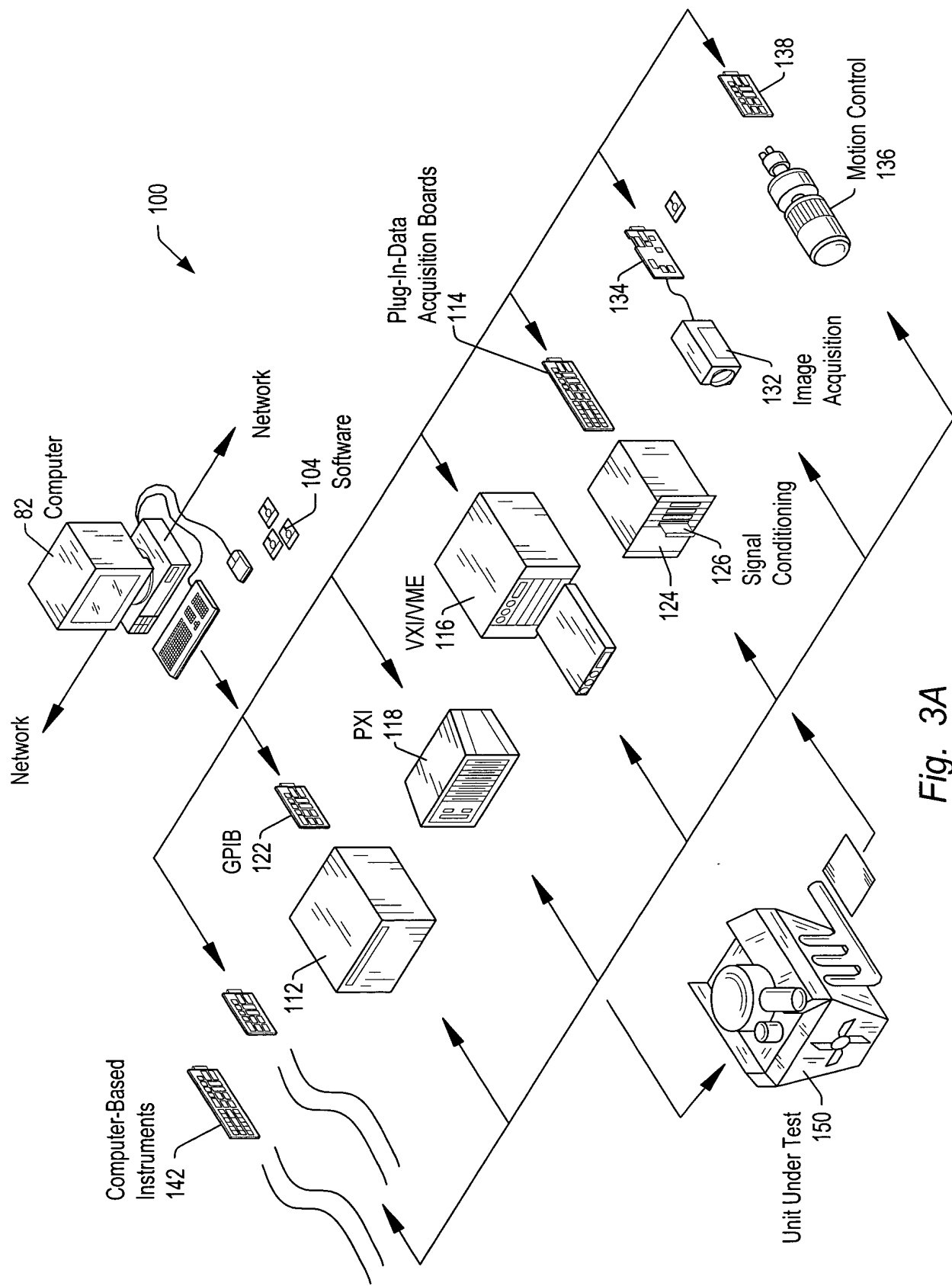


Fig. 3A

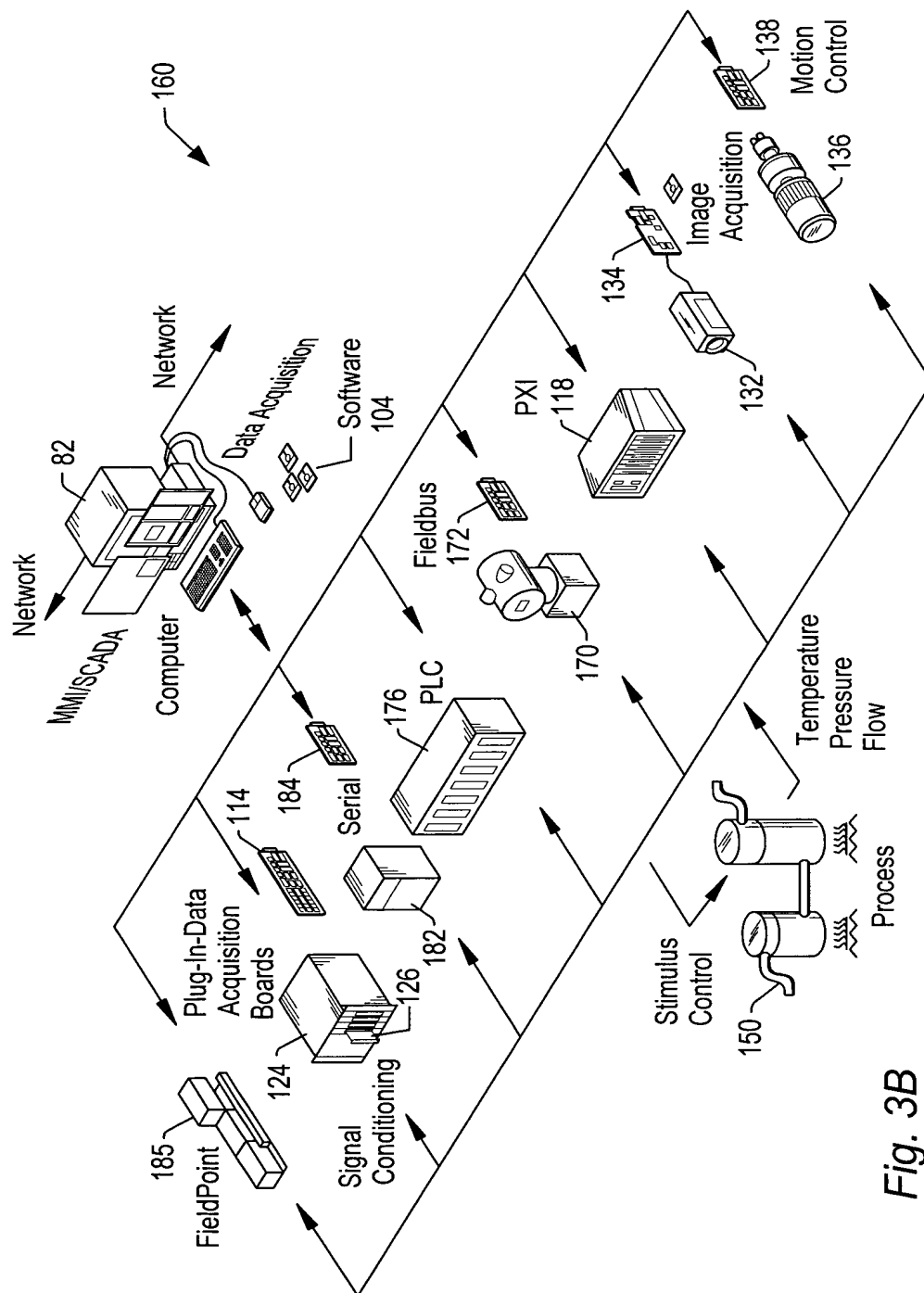


Fig. 3B

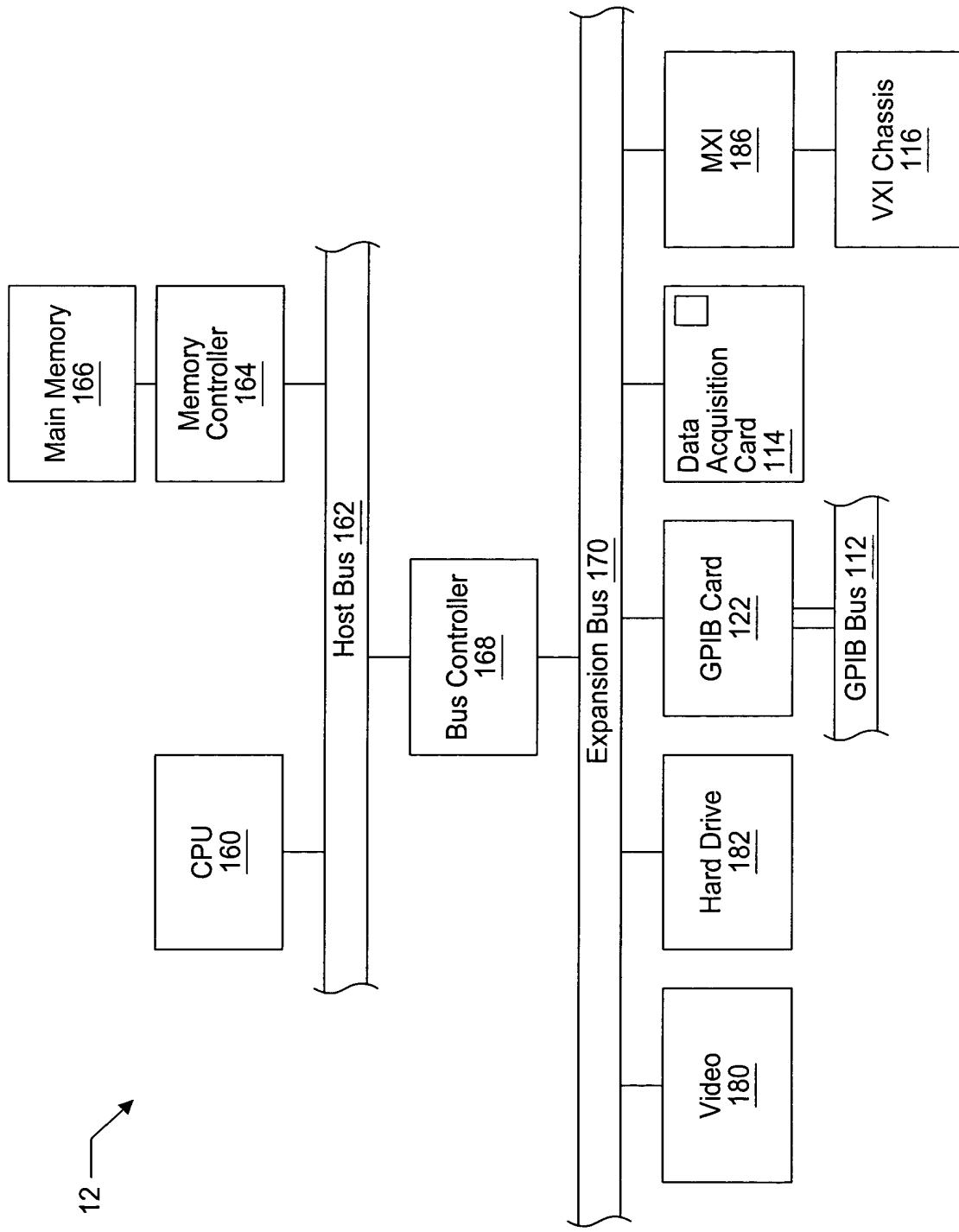


Figure 4

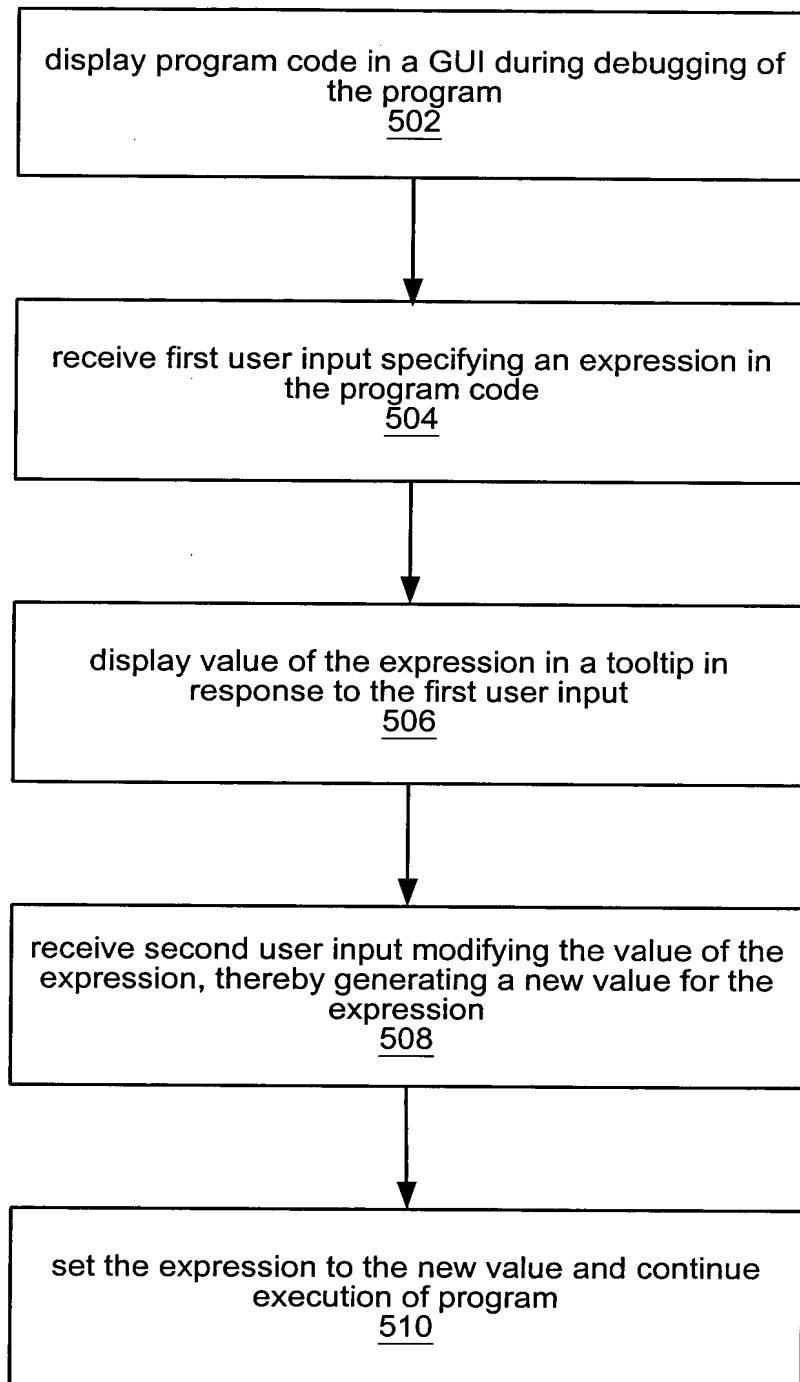


Fig. 5

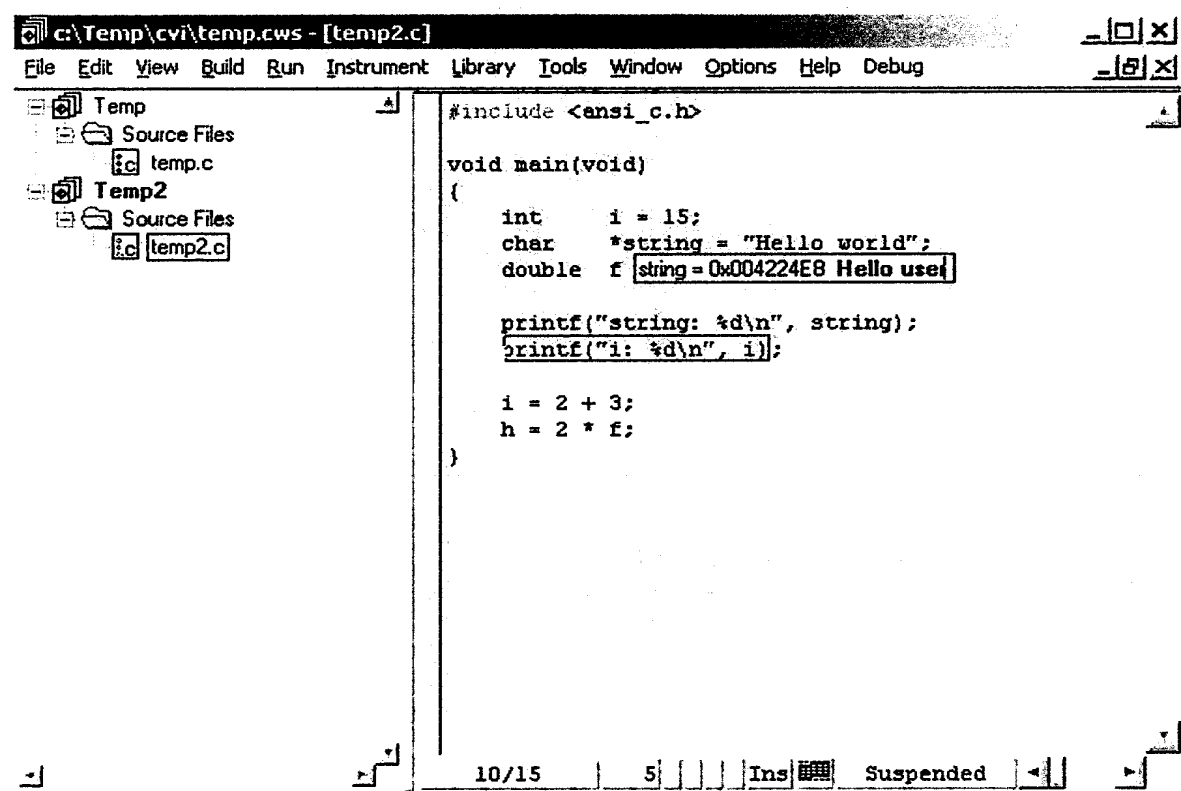


Fig. 6A

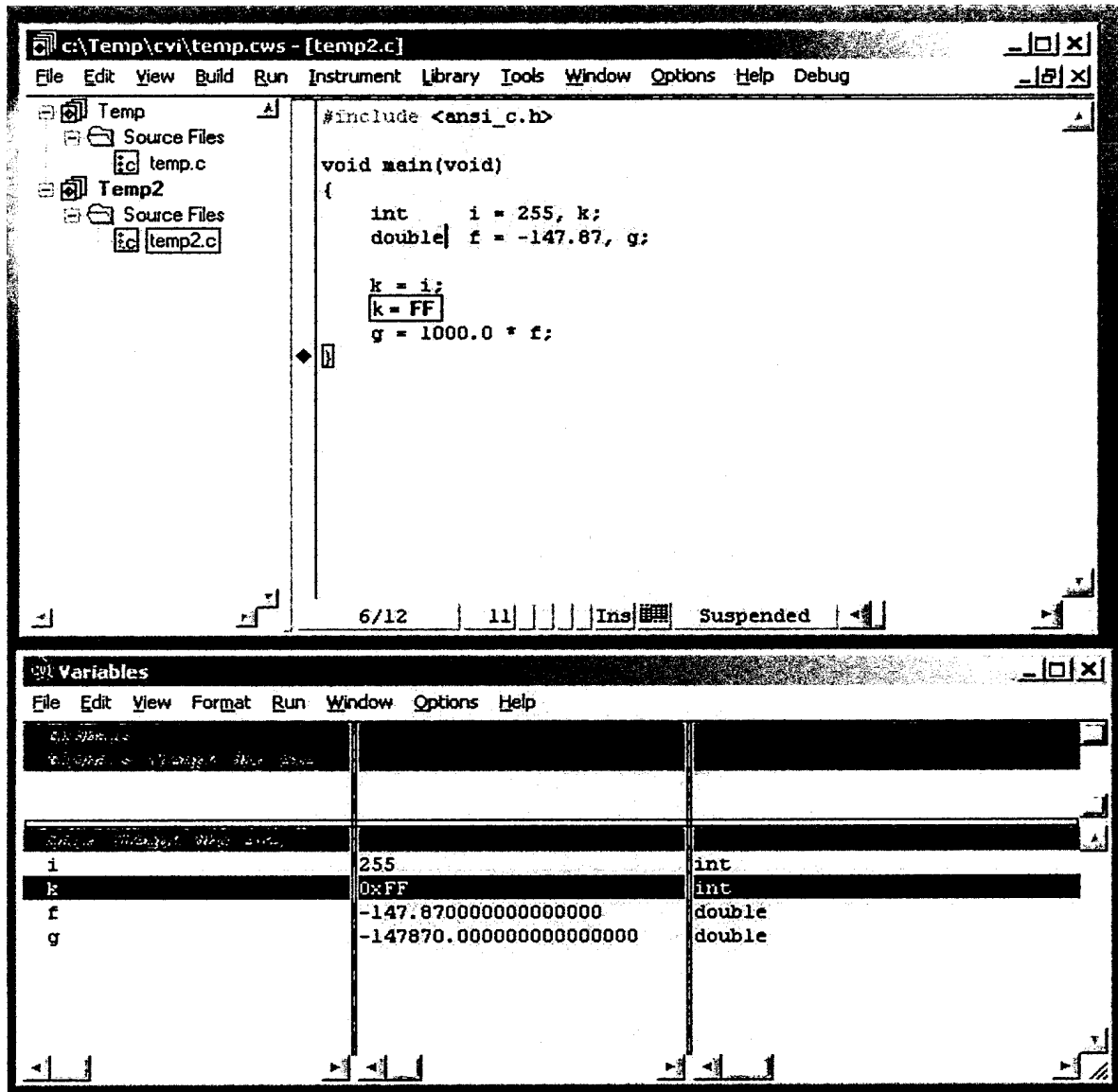


Fig. 6B

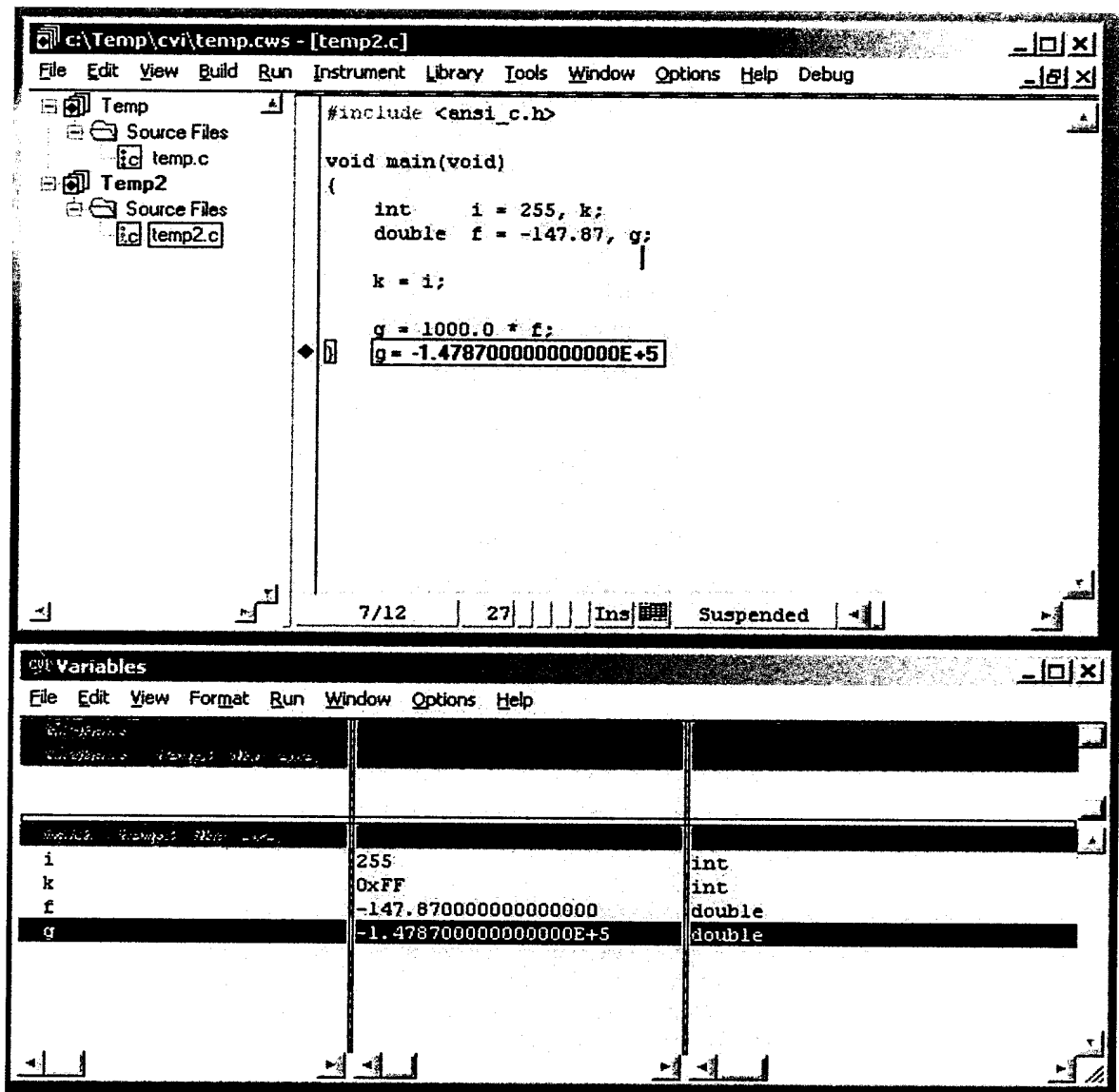


Fig. 6C